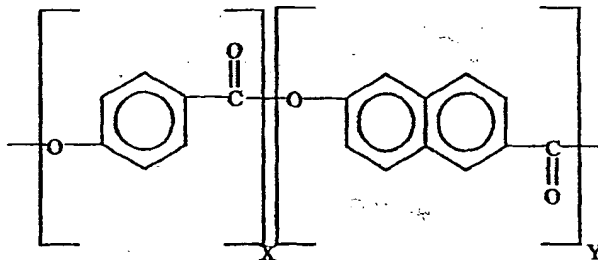


Claims

1. Bicycle tire with at least one reinforcement layer (3) that contains strength supports and that is arranged between carcass (2) and tread rubber (4) and/or between the carcass layers below the tread rubber (4) and/or within the tread rubber (4), characterized in that the reinforcement layer (3) contains multifilament threads of more than 30 polyester/polyarylate filaments, whereby the filaments are spun from molten liquid-crystal polymer.

2. Bicycle tire according to claim 1, characterized in that the polyester/polyarylate filaments have a diameter of less than 40 μm .

3. Bicycle tire according to claim 1 or 2, characterized in that the polyester/polyarylate has the following structure:



4. Bicycle tire according to at least one of the preceding claims, characterized in that the multifilament threads are present in the reinforcement layer (3) as threads running parallel to one another and not intersecting, with a thread count of 130 to 480 threads per 10 cm.

5. Bicycle tire according to claim 4, characterized in that the multifilament threads have a fineness of 200 to 950 dtex.

6. Bicycle tire according to claim 4 or 5, characterized in that the multifilament threads are arranged at an angle of 40 to 50° to the tire circumferential direction and crosswise to the strength supports of the fabric layer (2) beneath.

7. Bicycle tire according to at least one of claims 1 through 3, characterized in that the multifilament threads in the reinforcement layer (3) are present

in a fabric, whereby the fabric is embodied to be stretchable in the tire circumferential direction.

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8. Bicycle tire according to claim 7, characterized in that the fabric is a woven band with warp threads of stretchable material in the tire circumferential direction and with the weft threads of the multifilament thread.
 9. Bicycle tire according to at least one of the preceding claims, characterized in that the tire contains two or more reinforcement layers (3).